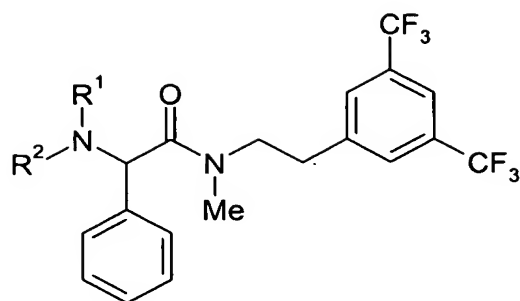


WHAT IS CLAIMED IS:

1. A pharmaceutical composition of matter comprising one or more anticholinergics and one or more NK<sub>1</sub>-receptor antagonists as active components of the pharmaceutical composition, wherein one or more of the active components may be an enantiomer, a mixture of enantiomers, a racemate, a solvate or an hydrate.
2. The pharmaceutical composition as recited in Claim 1 wherein the pharmaceutical composition further comprises a pharmaceutically acceptable excipient.
3. The pharmaceutical composition as recited in Claim 1 wherein the active components are present together in a single formulation.
4. The pharmaceutical composition as recited in Claim 1 wherein the active components are in at least two separate formulations.
5. The pharmaceutical composition as recited in Claim 1 wherein the anticholinergic is selected from the group consisting of one or more tiotropium salts, one or more oxitropium salts and one or more ipratropium salts.
6. The pharmaceutical composition as recited in Claim 5 wherein the anticholinergic is one or more tiotropium salts.
7. The pharmaceutical composition as recited in Claim 1 wherein one or more anticholinergic is present in the form

of a chloride, bromide, iodide, methanesulphonate, paratoluene sulphonate or a methyl sulphate.

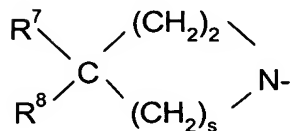
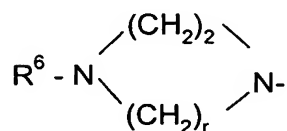
8. The pharmaceutical composition as recited in Claim 7 wherein one or more anticholinergics is present in the form of a bromide.
9. The pharmaceutical composition as recited in Claim 1 wherein one or more NK<sub>1</sub>-receptor antagonists is selected from among BIIF 1149, CP-122721, FK-888, NKP 608C, NKP 608A, CGP 60829, SR 48968 (Saredutant), SR 140333 (Nolpitantium besilate/chloride), LY 303 870 (Lanepitant), MEN-11420 (Nepadutant), SB 223412, MDL-105172A, MDL-103896, MEN-11149, MEN-11467, DNK 333A, SR-144190, YM-49244, YM-44778, ZM-274773, MEN-10930, S-19752, Neuronorm, YM-35375, DA-5018, MK-869, L-754030, CJ-11974, L-758298, DNK-33A, 6b-I, CJ-11974, TAK-637, GR 205171, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-{4-[(3-hydroxy-propyl)-methyl-amino]-piperidin-1-yl}-N-methyl-2-phenyl-acetamide, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-[4-(2-hydroxy-1-hydroxymethyl-ethylamino)-piperidin-1-yl]-N-methyl-2-phenylacetamide, BIIM1310 N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-[4-(cyclopropylmethyl-methyl-amino)-piperidin-1-yl]-N-methyl-2-phenyl-acetamide, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-{4-[(2-hydroxy-ethyl)-(3-hydroxy-propyl)-amino]-piperidin-1-yl}-N-methyl-2-phenyl-acetamide, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-{4-[cyclopropylmethyl-(3-hydroxy-propyl)-amino]-piperidin-1-yl}-N-methyl-2-phenyl-acetamide and the arylglycinamide derivatives of general formula 3



3

wherein

R<sup>1</sup> and R<sup>2</sup> together with the N to which they are bound form a ring of formula



wherein r and s are 2 or 3;

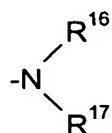
R<sup>6</sup> denotes H, -C<sub>1</sub>-C<sub>5</sub>-alkyl, C<sub>3</sub>-C<sub>5</sub>-alkenyl, propynyl, hydroxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, methoxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, di(C<sub>1</sub>-C<sub>3</sub>)alkylamino(C<sub>2</sub>-C<sub>4</sub>)alkyl, amino(C<sub>2</sub>-C<sub>4</sub>)alkyl, amino, di(C<sub>1</sub>-C<sub>3</sub>)alkylamino, monofluoro to perfluoro(C<sub>1</sub>-C<sub>2</sub>)alkyl, N-methylpiperidinyl, pyridyl, pyrimidinyl, pyrazinyl or pyridazinyl,

R<sup>7</sup> has one of the meanings (a) to (d),

(a) hydroxy

(b) 4-piperidinopiperidyl,

(c)



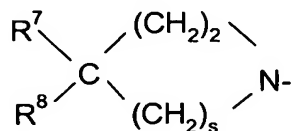
wherein R<sup>16</sup> and R<sup>17</sup> independently of each other denote H, (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, hydroxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, dihydroxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>3</sub>)alkoxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl or di(C<sub>1</sub>-C<sub>3</sub>)alkylamino(C<sub>2</sub>-C<sub>4</sub>)alkyl,

R<sup>8</sup> denotes H,

optionally in the form of the enantiomers and mixtures of enantiomers thereof, optionally in the form of the racemates thereof.

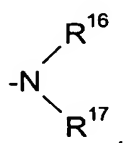
10. The pharmaceutical composition as recited in Claim 1 wherein one or more NK<sub>1</sub>-receptor antagonists is selected from among BIIF 1149, CP-122721, CGP 60829, MK-869, CJ-11974, GR 205171, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-{4-[(3-hydroxy-propyl)-methyl-amino]-piperidin-1-yl}-N-methyl-2-phenyl-acetamide, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-[4-(2-hydroxy-1-hydroxymethyl-ethylamino)-piperidin-1-yl]-N-methyl-2-phenylacetamide, BIIM1310 N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-[4-(cyclopropylmethyl-methyl-amino)-piperidin-1-yl]-N-methyl-2-phenyl-acetamide, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-{4-[(2-hydroxy-ethyl)-(3-hydroxy-propyl)-amino]-piperidin-1-yl}-N-methyl-2-phenyl-acetamide, N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-{4-[cyclopropylmethyl-(3-hydroxy-propyl)-amino]-piperidin-1-yl}-N-methyl-2-phenyl-acetamide and the arylglycinamide derivatives of general formula 3, wherein

R<sup>1</sup> and R<sup>2</sup> together with the N to which they are bound form a ring of formula



wherein s is 2 or 3;

R<sup>7</sup> denotes a group



wherein R<sup>16</sup> and R<sup>17</sup> independently of each other denote H, (C<sub>1</sub>-C<sub>4</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, hydroxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, dihydroxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, (C<sub>1</sub>-C<sub>3</sub>)alkoxy(C<sub>2</sub>-C<sub>4</sub>)alkyl, phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl or di(C<sub>1</sub>-C<sub>3</sub>)alkylamino(C<sub>2</sub>-C<sub>4</sub>)alkyl,

R<sup>8</sup> denotes H, optionally in the form of the enantiomers and mixtures of enantiomers thereof and optionally in the form of the racemates thereof.

11. The pharmaceutical composition as recited in Claim 1 wherein one or more NK<sub>1</sub>-receptor antagonists is (S)-N-[2-(3,5-bis-trifluoromethyl-phenyl)-ethyl]-2-[4-(2-hydroxy-1-hydroxymethyl-ethylamino)-piperidin-1-yl]-N-methyl-2-phenylacetamide or an acid addition salt thereof.
12. The pharmaceutical composition as recited in Claim 1 wherein the weight ratio of the anticholinergic to the

NK<sub>1</sub>-receptor antagonist is in the range from about 1:300 to about 50:1.

13. The pharmaceutical composition as recited in Claim 12 wherein the weight ratio of the anticholinergic to the NK<sub>1</sub>-receptor antagonist is about 1:250 to about 40:1.
14. The pharmaceutical composition as recited in Claim 1 which is a formulation suitable for inhalation.